BRUHAT BANGALORE MAHANAGARA PALIKE

**NAME OF WORK : Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town**

| | |
|---|---|
| **Client** | **Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094** |

**WORK SLIP**

| | |
|---|---|
| **Estimate Amount:-** | 15000000.00 |
| **Approved Amount** | 13698578.00 |
| **Name of Contractor:-** | Sri. D.K.Nagaraj |
| **Tender premium:-** | (+) 5% (Above) |

| Sl. No. | Description of Work | Unit | Qty as per Quoted Rate | | | Total Executed Quantity | Qty. upto 125% | | | Qty. above 125% | | | Total Amount | Excess amount | Savings | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Rates | Amount | | Qty. | Rates | Amount | Qty. | Rates | Amt | | | | |
| 1 | Levelling course using Flexible Cementatious Material A concrete mix in the ratio 1:1.5:3 (1:cement : 1.5 quartz powder : 3 graded stone) is laid to make haunch at junction of parapet and roof slab and at damaged portions to drain off water. The factory made dry CEMENTATIOUS silica sand power consisting of dry cement mortar (1 cement : 4 silica sand) shall be mixed with additives like ISOPROOF chemical and acrylic polymer and water to arrive at workable consistency. The same shall be applied over the prepared surface to give even surface and act as base for geotextile fabric. | Sqm | 427.26 | 922 | 393934 | 482.49 | 482.49 | 922.00 | 444854.00 | 0.00 | 0.00 | 0.00 | 444854.00 | 50920.00 | 0.00 | |
| 2 | Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 550 | Tonne | 0.29 | 82730 | 23926 | 3.75 | 0.36 | 82730.00 | 29907.00 | 3.39 | 81912.43 | 277634.00 | 307541.00 | 283615.00 | 0.00 | |

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| Sl. No. | Description of Work | Unit | Qty as per Quoted Rate | | | Total Executed Quantity | Qty. upto 125% | | | Qty. above 125% | | | Total Amount | Excess amount | Savings | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Rates | Amount | | Qty. | Rates | Amount | Qty. | Rates | Amt | | | | |
| 3 | Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800 kg/m3 Having aq minimum average compressive strength of 5.00 N.mm2 confirming to IA 2185 (Part q) 2005 and constructed with CM 1:4 as [er IS 2572:2005 including cost of all materials labour charges, scaffolding. curing hire charges of machineries etc as per specifications Solid concrete blocks of Size 400x200x200 mm | Sqm | 223.67 | 1084 | 242459 | 309.56 | 279.59 | 1084.00 | 303073.00 | 29.97 | 1044.55 | 31303.00 | 334376.00 | 91917.00 | 0.00 | |
| 5 | Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., for all super structure works with all lead and liftetc., complete. (exculsive of cost of steel and fabricationcharges) | Cum | 2.18 | 6302 | 13739 | 40.35 | 2.73 | 6302.00 | 17173.00 | 37.62 | 6235.23 | 234595.00 | 251768.00 | 238029.00 | 0.00 | |
| 7 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons. | Sqm | 32.76 | 490 | 16053 | 56.71 | 40.95 | 490.00 | 20066.00 | 15.76 | 461.57 | 7273.00 | 27339.00 | 11286.00 | 0.00 | |
| 9 | Providing and Constructing Standard Rubber Flooring for Indoor Areas using Rubber Memberain of 12mm to 16mm thick, to be layed over Prepared Cement Morter/ Concrete surface using CM 1:6 Beneath rubber memvrain including cost of all materials, labour,packing joints and mortar, finishing, curing all lead & lift , transportation and also including all applicable taxes etc., complere as per firection of Engineer in Chrage of Work | Sqm | 290.00 | 5132 | 1488280 | 353.71 | 353.71 | 5132.00 | 1815259.00 | 0.00 | 0.00 | 0.00 | 1815259.00 | 326979.00 | 0.00 | |

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| Sl. No. | Description of Work | Unit | Qty as per Quoted Rate | | | Total Executed Quantity | Qty. upto 125% | | | Qty. above 125% | | | Total Amount | Excess amount | Savings | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Rates | Amount | | Qty. | Rates | Amount | Qty. | Rates | Amt | | | | |
| 10 | Providing 18mm thick Internal cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. | Sqm | 540.69 | 323 | 174643 | 546.05 | 546.05 | 323.00 | 176375.00 | 0.00 | 0.00 | 0.00 | 176375.00 | 1732.00 | 0.00 | |
| 11 | Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.for Outside Plastering | Sqm | 179.10 | 312 | 55880 | 257.35 | 223.88 | 312.00 | 69849.00 | 33.47 | 298.93 | 10006.00 | 79855.00 | 23975.00 | 0.00 | |
| 13 | Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. (with Primer) | Sqm | 540.69 | 103 | 55692 | 717.73 | 675.86 | 103.00 | 69614.00 | 41.87 | 103.08 | 4317.00 | 73931.00 | 18239.00 | 0.00 | |
| 14 | Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to givean even shade after throughly brooming the surface to remove all dirtand loose powdered material, free from mortar drops and other foreign matter cost of materials, labours,complete as per specifications. | Sqm | 179.10 | 121 | 21672 | 1597.96 | 223.88 | 121.00 | 27089.00 | 1374.09 | 116.82 | 160528.00 | 187617.00 | 165945.00 | 0.00 | |

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| Sl. No. | Description of Work | Unit | Qty as per Quoted Rate | | | Total Executed Quantity | Qty. upto 125% | | | Qty. above 125% | | | Total Amount | Excess amount | Savings | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Rates | Amount | | Qty. | Rates | Amount | Qty. | Rates | Amt | | | | |
| 15 | Providing and fixing Double shutter glass door of 12mm thick frosted toughened glass of approved make. The door is fixed by using any approved make hardware fitting like patch fitting, pivot, floor machine, locking arrangements and suitable SS door rails with floral glass etching for 1/3 portion of door area etc complete. The rate includes cost of all materials, labour, hire of tools & machineries, as per specifications etc complete. The rate includes cost of all materials, labour, hire of tools & machineries, as per specifications. | Sqm | 2.88 | 9740 | 28052 | 20.98 | 3.60 | 9740.00 | 35064.00 | 17.38 | 9744.55 | 169390.00 | 204454.00 | 176402.00 | 0.00 | |
| 24 | Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification. | Sqm | 306.78 | 1032 | 316597 | 352.81 | 352.81 | 1032.00 | 364104.00 | 0.00 | 0.00 | 0.00 | 364104.00 | 47507.00 | 0.00 | |
| 25 | Providing and fixing skirting of 300mm height using prepolished water cut/gang saw of 19mm thick grey granite 0.5mm wide chamfered width and depth and fixing in CM 1:4 of 20mm thick after chipping the walls etc., including cost of all materials, mortar, labour, curing etc., complete as per specification. | m | 61.36 | 871 | 53445 | 94.07 | 76.70 | 871.00 | 66806.00 | 17.37 | 869.31 | 15100.00 | 81906.00 | 28461.00 | 0.00 | |
| 26 | Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. for Ceramic Tiles of size 30x30cms 6mm thick | Sqm | 98.24 | 1387 | 136259 | 111.10 | 111.10 | 1387.00 | 154090.00 | 0.00 | 0.00 | 0.00 | 154090.00 | 17831.00 | 0.00 | |

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| Sl. No. | Description of Work | Unit | Qty as per Quoted Rate | | | Total Executed Quantity | Qty. upto 125% | | | Qty. above 125% | | | Total Amount | Excess amount | Savings | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Rates | Amount | | Qty. | Rates | Amount | Qty. | Rates | Amt | | | | |
| 30 | Providing, fabricating and fixing of stick type structural glazing using Alluminium Extrusions of 63.5 mm x 58.00 mmx 2.25 mm of 1.73 kgs/mtr for vertical and Horizontal members and 63.5 mm x 38.1 x 1.33mm of 0.759 kg/Mtr, as outer frame with Electro . Anodized Paint coated block finishing, using 6mm thick imported glass reflective hard coated ocean blue raw glass with all necessary accesories like ultra glass Silicon sealant of Space tape, Masking tape, Galvanized Anchaor bolt, machine screws, 6mm thick M.S. angle 50mm x 150mm x 6mm M.S. Galvanized L Brackets, structural sealent setting clocks, fasteners, wall connection etc., complete. | Sqm | 103.80 | 7623 | 791268 | 151.62 | 129.75 | 7623.00 | 989085.00 | 21.87 | 7619.95 | 166649.00 | 1155734.00 | 364466.00 | 0.00 | |
| 55 | Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm .... etc. as required.25mm | mtr | 300.00 | 27 | 8100 | 307.13 | 307.13 | 27.00 | 8293.00 | 0.00 | 0.00 | 0.00 | 8293.00 | 193.00 | 0.00 | |
| 58 | Long point above 6Mtr. upto 10M from tapping point to out let via switch | Each | 10.00 | 354 | 3540 | 24.00 | 12.50 | 354.00 | 4425.00 | 11.50 | 375.00 | 4313.00 | 8738.00 | 5198.00 | 0.00 | |
| 70 | Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 6Amps one way. | No | 15.00 | 66 | 990 | 68.00 | 18.75 | 66.00 | 1238.00 | 49.25 | 70.00 | 3448.00 | 4686.00 | 3696.00 | 0.00 | |
| 73 | Stepped Fan Regulator. | No | 4.00 | 303 | 1212 | 7.00 | 5.00 | 303.00 | 1515.00 | 2.00 | 290.00 | 580.00 | 2095.00 | 883.00 | 0.00 | |
| 76 | 2' -14 watts | No | 8.00 | 636 | 5088 | 31.00 | 10.00 | 636.00 | 6360.00 | 21.00 | 625.00 | 13125.00 | 19485.00 | 14397.00 | 0.00 | |
| | **Grand total** | | | | **3830829.00** | | | | **4604239.00** | | | | **5702500.00** | **1871671.00** | **0.00** | |

**Note: Percentage of Workslip over the sanctioned Estimate=Excess amount over the approved amount/Amount Put to tender x 100**

**(11871671/13698578)x100= 13.66%**

**Percentage of Workslip 13.66 %**

Contractor

Assistant Engineer

Assistant Executive Engineer

Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

| | |
|---|---|
| Agency | Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094 |
| | EIRL |
| Estimate Amount:- | 15000000.00 |
| Approved Amount | 13698578.000 |
| Name of Contractor:- | Sri. D.K.Nagaraj |
| Tender premium:- | (+) 5% (Above) |

| Sl No | Item Of Work | Unit | Estimate qty | Rate from EIRL Rate analysis | Amount (Rs.) | Whether the item alternative in tender or additional items | Whether the extra item is included in sanctioned estimate | How the Cost is proposed to be met | Whether extra item is included in S.R. | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1 | KSRB 4-6.5 Providing, fixing and removing of formwork, Centering, shuttering and scaffolding for olumns,Pillers,posts and truts, square /rectangle/polygon in plan including cost of all materials,labour complete as per specification specification no KBS 4.6.2 | Sqm | 107.19 | 522.28 | 55983.00 | Additonal Item | No | - | Yes, (Pg No.16, It No.4.32) KPWD SR 2018-19). | |
| 2 | KSRB 4-6.6 Providing, fixing and removing of formwork, Centering, shuttering and scaffolding for Columns, Pillers,posts and struts, circularor curved includingcost of all materials,labour complete as per specification specification no KBS 4.6.2 | Sqm | 24.60 | 1045.70 | 25723.00 | Additonal Item | No | - | Yes, (Pg No.16, It No.4.33) KPWD SR 2018-19). | |
| 3 | KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22 | Nos | 2.00 | 7820.38 | 15641.00 | Additonal Item | No | - | Yes, (Pg No.96, It No.13.78) KPWD SR 2018-19). | |
| 4 | Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system: 48" sweep (1200mm) | Each | 7.00 | 2194.50 | 15362.00 | Additonal Item | No | - | Yes, (Pg No.46, It No.7.3.1) KPWD Ele.SR 2018-19) | |

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| Sl No | Item Of Work | Unit | Estimate qty | Rate from EIRL Rate analysis | Amount (Rs.) | Whether the item alternative in tender or additional items | Whether the extra item is included in sanctioned estimate | How the Cost is proposed to be met | Whether extra item is included in S.R. | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 5 | Providing and fixing of Aluminium composite panel of approved make and colour for wall cladding for straight rick/Rcc/stone walls & coloumns/ beams with necessary aluminium frame works at required level made out of 50x25x4mm C section or equivalent. The panel should consist of 3mm thick non-halogonated FR grade mineral based polymer core (2 hrs fire resistance as per ASTM E119-12 & clause B, S1, do as per BS476 EN 13501) sandwiched between 0.50mm skin thick aluminium sheet making a total panel thickness of 4mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done using weather sealant of Dow Corning 789 with necessary rods etc., complete. | Sqm | 132.77 | 4512.64 | 599121.00 | Additonal Item | No | - | Yes, (Pg No.39, It No.7.18) KPWD SR 2018-19). | |
| 6 | KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. | Sqm | 188.10 | 107.73 | 20264.00 | Additonal Item | No | - | Yes, (Pg No.123, It No.15.74) KPWD SR 2018-19). | |
| 7 | KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat ) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. | Sqm | 19.86 | 110.00 | 2185.00 | Additonal Item | No | - | Yes, (Pg No.121, It No.16.60.1) KPWD SR 2018-19). | |

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| Sl No | Item Of Work | Unit | Estimate qty | Rate from EIRL Rate analysis | Amount (Rs.) | Whether the item alternative in tender or additional items | Whether the extra item is included in sanctioned estimate | How the Cost is proposed to be met | Whether extra item is included in S.R. | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 8 | Providing and installing of approved make pre painted Galvalume iron Accessories, like, plain, ridges, plain gutter, plain flashing, corner Trim, etc The total coated thickness (TCT) of the sheet shall be 0.47 mm +/- 0.02 tolerance mm Zinc-Alu Alloy coating AZ 150 gsm as per ASTM 1397/755 -550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling /self tapping screws of 25 mm length. (width upto 500-600 mm only),to be fixed over the existing purlins, rafters, channels and trusses | Sqm | 68.96 | 755.92 | 52129.00 | Additonal Item | No | - | Yes, (Pg No.301, It No.38.3) KPWD SR 2018-19). | |
| 9 | Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member | m | 11.40 | 412.32 | 4701.00 | Additonal Item | No | - | Yes, (Pg No.62, It No.9.92) KPWD SR 2018-19). | |

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| Sl No | Item Of Work | Unit | Estimate qty | Rate from EIRL Rate analysis | Amount (Rs.) | Whether the item alternative in tender or additional items | Whether the extra item is included in sanctioned estimate | How the Cost is proposed to be met | Whether extra item is included in S.R. | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 10 | Providing and fixind of factory made 30mm P.V.C rigid foam PANEL DOORS made from MS tube of 19 guage, size of 19mm x 19mm and covered with heat moulded PVC C Channel of 5 mm thick and width of 50mm to form styles and rails. The inner panel should be inserted in between the frame with 5mm thick PVC rigid foam sheet, welded/sealed to the styles and rails along with 5mm PVC, beeding on all and either sides. The vertical tubes may be filled with suitable wood material to further enhance the screw holding capacity | Sqm | 4.32 | 2748.82 | 11875.00 | Additonal Item | No | - | Yes, (Pg No.62, It No.9.91) KPWD SR 2018-19). | |
| | **TOTAL EIRL AMOUNT** | | | | **802984.00** | | | | | |

**PERCENTAGE OF EXCESS COMPARING TO SANCTIONED COST** $\frac{802984.00}{13698578.00} \times 100 = 5.86\ \%$

Asst Engineer

Asst.Executive Engineer

Asst.Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

RATE ANALYSIS

| | |
|---|---|
| Agency | Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094 |
| Approved Amount | 13698578.00 |
| Name of Contractor:- | Sri. D.K.Nagaraj |
| Tender premium:- | (+) 5% (Above) |

| Sl No | Description. | Unit | Page | Item | Basic rate | Lift charges | Total | AW 8% | Total Rate | T.P (+)5% | Final Rate. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 550 | Tonne | Pg No 18 of KPWD S.R 2018-19 | 4.46.3 | 71518.00 | 715.18 | 72233.18 | 5778.6544 | 78011.83 | 3900.59 | 81912.43 |
| 3 | Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800 kg/m3 Having aq minimum average compressive strength of 5.00 N.mm2 confirming to IA 2185 (Part q) 2005 and constructed with CM 1:4 as [er IS 2572:2005 including cost of all materials labour charges, scaffolding. curing hire charges of machineries etc as per specifications Solid concrete blocks of Size 400x200x200 mm | Sqm | Pg No 27 of KPWD S.R 2018-19 | 5.27.1 | 912.00 | 9.12 | 921.12 | 73.6896 | 994.81 | 49.74 | 1044.55 |
| 5 | Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., for all super structure works with all lead and liftetc., complete. (exculsive of cost of steel and fabricationcharges) | Cum | Pg No 19 of KPWD S.R 2018-19 | 4.49.1 | 5444.00 | 54.44 | 5498.44 | 439.8752 | 5938.32 | 296.92 | 6235.23 |
| 7 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons. | Sqm | Pg No 17 of KPWD S.R 2018-19 | 4.35 | 403.00 | 4.03 | 407.03 | 32.5624 | 439.59 | 21.98 | 461.57 |



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| Sl No | Description. | Unit | Page | Item | Basic rate | Lift charges | Total | AW 8% | Total Rate | T.P (+)5% | Final Rate. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.for Outside Plastering | Sqm | Pg No 116 of KPWD S.R 2018-19 | 15.16 | 261.00 | 2.61 | 263.61 | 21.0888 | 284.70 | 14.23 | 298.93 |
| 13 | Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. (with Primer) | Sqm | Pg No 119 of KPWD S.R 2018-19 | 15.51.3 | 90.00 | 0.9 | 90.90 | 7.272 | 98.17 | 4.91 | 103.08 |
| 14 | Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to givean even shade after throughly brooming the surface to remove all dirtand loose powdered material, free from mortar drops and other foreign matter cost of materials, labours,complete as per specifications. | Sqm | Pg No 120 of KPWD S.R 2018-19 | 15.53.2 | 102.00 | 1.02 | 103.02 | 8.2416 | 111.26 | 5.56 | 116.82 |
| 15 | Providing and fixing Double shutter glass door of 12mm thick frosted toughened glass of approved make. The door is fixed by using any approved make hardware fitting like patch fitting, pivot, floor machine, locking arrangements and suitable SS door rails with floral glass etching for 1/3 portion of door area etc complete. The rate includes cost of all materials, labour, hire of tools & machineries, as per specifications etc complete. The rate includes cost of all materials, labour, hire of tools & machineries, as per specifications. | Sqm | Pg No 325 of KPWD S.R 2018-19 | 39.80 | 8508.00 | 85.08 | 8593.08 | 687.4464 | 9280.53 | 464.03 | 9744.55 |
| 25 | Providing and fixing skirting of 300mm height using prepolished water cut/gang saw of 19mm thick grey granite 0.5mm wide chamfered width and depth and fixing in CM 1:4 of 20mm thick after chipping the walls etc., including cost of all materials, mortar, labour, curing etc., complete as per specification. | m | Pg No 110 of KPWD S.R 2018-19 | 14.50 | 759.00 | 7.59 | 766.59 | 61.3272 | 827.92 | 41.40 | 869.31 |

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| Sl No | Description. | Unit | Page | Item | Basic rate | Lift charges | Total | AW 8% | Total Rate | T.P (+)5% | Final Rate. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 | Providing, fabricating and fixing of stick type structural glazing using Alluminium Extrusions of 63.5 mm x 58.00 mmx 2.25 mm of 1.73 kgs/mtr for vertical and Horizontal members and 63.5 mm x 38.1 x 1.33mm of 0.759 kg/Mtr, as outer frame with Electro Anodized Paint coated block finishing, using 6mm thick imported glass reflective hard coated ocean blue raw glass with all necessary accesories like ultra glass Silicon sealant of Space tape, Masking tape, Galvanized Anchaor bolt, machine screws, 6mm thick M.S. angle 50mm x 150mm x 6mm M.S. Galvanized L Brackets, structural sealent setting clocks, fasteners, wall connection etc., complete. | Sqm | Pg No 40 of KPWD S.R 2018-19 | 7.20 | 6653.00 | 66.53 | 6719.53 | 537.5624 | 7257.09 | 362.85 | 7619.95 |
| 44 | KSRB12.43:- Providing and fixing 1500x450mm dia rectangular shape mirror with plastiv moulded frame of approved make and shades with 6mm thick hard board backing incul;ding cost of materilas labour complete as per specification | Unit | Pg No 85 of KPWD S.R 2018-19 | 12.43 | 1481.00 | 14.81 | 1495.81 | 119.6648 | 1615.47 | 80.77 | 1696.25 |
| 58 | Long point above 6Mtr. upto 10M from tapping point to out let via switch | Point | Pg No 5 of Ele. S.R 2018-19 | 2.2.3 | 375.00 | - | 375.00 | - | 375.00 | - | 375.00 |
| 70 | Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 6Amps one way | Each | Pg No 10 of Ele. S.R 2018-19 | 3.6.1 | 70.00 | - | 70.00 | - | 70.00 | - | 70.00 |
| 73 | Stepped Fan Regulator. | Each | Pg No 10 of Ele. S.R 2018-19 | 3.6.4 | 290.00 | - | 290.00 | - | 290.00 | - | 290.00 |
| 76 | 2' -14 watts | Each | Pg No 64 of Ele. S.R 2018-19 | 12.3.3 | 625.00 | - | 625.00 | - | 625.00 | - | 625.00 |
| E1 | KSRB 4-6.5 Providing, fixing and removing of formwork, Centering, shuttering and scaffolding for olumns,Pillers,posts and truts, square /rectangle/polygon in plan including cost of all materials,labour complete as per specification specification no KBS 4.6.2 | Sqm | Pg No 16 of KPWD S.R 2018-19 | 4.32 | 456.00 | 4.56 | 460.56 | 36.84 | 497.40 | 24.87 | 522.28 |

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| Sl No | Description. | Unit | Page | Item | Basic rate | Lift charges | Total | AW 8% | Total Rate | T.P (+)8% | Final Rate |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E2 | KSRB 4-6.6 Providing, fixing and removing of formwork, Centering, shuttering and scaffolding for Columns, Pillers,posts and struts, circularor curved includingcost of all materials,labour complete as per specification specification no KBS 4.6.2 | Sqm | Pg No 16 of KPWD S.R 2018-19 | 4.33 | 913.00 | 9.13 | 922.13 | 73.77 | 995.90 | 49.80 | 1045.70 |
| E3 | KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22 | Nos | Pg No 96 of KPWD S.R 2018-19 | 13.78 | 6828.00 | 68.28 | 6896.28 | 551.70 | 7447.98 | 372.40 | 7820.38 |
| E4 | Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system: 48" sweep (1200mm) | Each | Pg No 46 of KPWD Ele. S.R 2018-19 | 7.3.1 | 2090.00 | - | 2090.00 | 167.20 | 2090.00 | 104.50 | 2194.50 |
| E5 | Providing and fixing of Aluminium composite panel of approved make and colour for wall cladding for straight rick/Rcc/stone walls & coloumns/ beams with necessary aluminium frame works at required level made out of 50x25x4mm C section or equivalent. The panel should consist of 3mm thick non-halogonated FR grade mineral based polymer core (2 hrs fire resistance as per ASTM E119-12 & clause B, S1, do as per BS476 EN 13501) sandwiched between 0.50mm skin thick aluminium sheet making a total panel thickness of 4mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done using weather sealant of Dow Corning 789 with necessary rods etc., complete. | Sqm | Pg No 39 of KPWD S.R 2018-19 | 7.18 | 3940.00 | 39.4 | 3979.40 | 318.35 | 4297.75 | 214.89 | 4512.64 |



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| Sl No | Description. | Unit | Page | Item | Basic rate | Lift charges | Total | AW 8% | Total Rate | T.P (+)5% | Final Rate |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E6 | KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. | Sqm | Pg No 123 of KPWD S.R 2018-19 | 15.74 | 95.00 | - | 95.00 | 7.60 | 102.60 | 5.13 | 107.73 |
| E7 | KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat ) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. | Sqm | Pg No 121 of KPWD S.R 2018-19 | 16.60.1 | 97.00 | - | 97.00 | 7.76 | 104.76 | 5.24 | 110.00 |
| E8 | Providing and installing of approved make pre painted Galvalume iron Accessories, like, plain, ridges, plain gutter, plain flashing, corner Trim, etc The total coated thickness (TCT) of the sheet shall be 0.47 mm +/- 0.02 tolerance mm Zinc-Alu Alloy coating AZ 150 gsm as per ASTM 1397/755 -550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling /self tapping screws of 25 mm length. (width upto 500-600 mm only),to be fixed over the existing purlins, rafters, channels and trusses. | Sqm | Pg No 301 of KPWD S.R 2018-19 | 38.3 | 660.00 | 6.6 | 666.60 | 53.33 | 719.93 | 36.00 | 755.92 |
| E9 | Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member | m | Pg No 62 of KPWD S.R 2018-19 | 9.92 | 360.00 | 3.6 | 363.60 | 29.09 | 392.69 | 19.63 | 412.32 |

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| Sl No | Description. | Unit | Page | Item | Basic rate | Lift charges | Total | AW 8% | Total Rate | T.P (+)5% | Final Rate. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E10 | Providing and fixind of factory made 30mm P.V.C rigid foam PANEL DOORS made from MS tube of 19 guage, size of 19mm x 19mm and covered with heat moulded PVC C Channel of 5 mm thick and width of 50mm to form styles and rails. The inner panel should be inserted in between the frame with 5mm thick PVC rigid foam sheet, welded/sealed to the styles and rails along with 5mm PVC, beeding on all and either sides. The vertical tubes may be filled with suitable wood material to further enhance the screw holding capacity | Sqm | Pg No 62 of KPWD S.R 2018-19 | 9.91 | 2400.00 | 24 | 2424.00 | 193.92 | 2617.92 | 130.90 | 2748.82 |

AE

Asst Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Executive Engineer

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